

Substitute for form 1449A/PTO

**INFORMATION DISCLOSURE  
STATEMENT BY APPLICANT**

(Use as many sheets as necessary)

**Complete if Known**

Application Number	10/578,620
Filing Date	May 8, 2006
First Named Inventor	Peter James HARBOUR et al.
Art Unit	Unassigned
Examiner Name	Unassigned
Attorney Docket Number	HARB3001/REF

Sheet 1 of 1

**U. S. PATENT DOCUMENTS**

Examiner Initials*	Cite No. 1	Document Number		Publication Date MM-DD-YYYY	Name of Patentee or Applicant of Cited Document	Pages, Columns, Lines, Where Relevant Passages or Relevant Figures Appear
		Number-Kind Codez				
		US-	5,876,687	3/1999	C.-C. Hung	
		US-	5,948,475	9/1999	C.-C. Hung	
		US-				
		US-				
		US-				
		US-				
		US-				
		US-				
		US-				
		US-				
		US-				

**FOREIGN PATENT DOCUMENTS**

Examiner Initials*	Cite No. 1	Foreign Patent Document	Publication Date MM-DD-YYYY	Name of Patentee or Applicant of Cited Document	Pages, Columns, Lines, Where Relevant Passages or Relevant Figures Appear	T <sub>6</sub>
		Country Codes -Number 4 -Kind Codes (if known)				
		WO 2001/089991	11/29/2001	Fine-Cell Co., Ltd. & Viable Korea Co. Ltd.		

Examiner  
SignatureDate  
Considered

\*EXAMINER: Initial if reference considered, whether or not citation is in conformance with MPEP 609. Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant. <sup>1</sup>

Applicant's unique citation designation number (optional). <sup>2</sup>

See Kinds Codes of USPTO Patent Documents at [www.uspto.gov](http://www.uspto.gov) or MPEP 901.04. <sup>3</sup> Enter Office that issued the document, by the two-letter code (WIPO Standard ST.3). <sup>4</sup>

For Japanese patent documents, the indication of the year of the reign of the Emperor must precede the serial number of the patent document.

<sup>5</sup> Kind of document by the appropriate symbols as indicated on the document under WIPO Standard ST.16 if possible. <sup>6</sup>

Applicant is to place a check mark here if English language Translation is attached.



Substitute for form 144B/PTO

# **INFORMATION DISCLOSURE STATEMENT BY APPLICANT**

(Use as many sheets as necessary)

**Complete if Known**

Application Number	10/578,620
Filing Date	May 8, 2006
First Named Inventor	Peter James HARBOUR et al.
Art Unit	Unassigned
Examiner Name	Unassigned
Attorney Docket Number	HARB3001/REF

Sheet 1 of 1

**NON PATENT LITERATURE DOCUMENTS**

Examiner Initials*	Cite No.1	Include name of the author (in CAPITAL LETTERS), title of the article (when appropriate), title of the item (book, magazine, journal, serial, symposium, catalog, etc.), date, page(s), volume-issue number(s), publisher, city and/or country where published.	T2
		ELLIOTT P. BARRETT, et al. "The Determination of Pore Volume and Area Distributions in Porous Substances. I. Computations from Nitrogen Isotherms", J. Amer. Chem. Soc., Jan. 1951, vol. 73, pp. 373-380	
		STEPHEN BRUNAUER, et al., "Adsorption of Gases in Multimolecular Layers", J. Amer. Chem. Soc., Feb. 1938, vol. 60, pp. 309-319	
		LUIZ C.A. OLIVEIRA, et al., "Activated carbon/iron oxide magnetic composites for the adsorption of contaminants in water", Carbon, 2002, vol. 40, pp.2177-2183	
		LUIS A. PEREZ-MAQUEDA, et al., "Study of thermal evolution of porous hematite by emanation thermal analysis", Journal of the European Ceramic Society, 2002, vol. 22, pp. 2277-2281	
		MANFRED SCHWICKARDI, et al., "High-Surface Area Oxides Obtained by an Activated Carbon Route", Chem. Mater., 2002, vol. 14, pp. 3913-3919	
		D.N. SRIVASTAVA, et al., "Sonochemical Synthesis of Mesoporous Iron Oxide and Accounts of Its Magnetic and Catalytic Properties", J. Phys. Chem. B, 2002, vol. 106, pp. 1878-1883	
		HUI-HSIN TSENG, et al., "Catalytic removal of SO <sub>2</sub> , NO and HCl from incineration flue gas over activated carbon-supported metal oxides", Carbon, 2003, vol. 41, pp. 1079-1085	
		RONALD L. VAUGHAN, et al., "Removal of Heavy Metals Using Impregnated Activated Carbons", American Water Works Association, 2001, vol. 2001 pp. 1357-1371	

Examiner Signature		Date Considered	
--------------------	--	-----------------	--

\*EXAMINER: Initial if reference considered, whether or not citation is in conformance with MPEP 609. Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant.

1 Applicant's unique citation designation number (optional). 2 Applicant is to place a check mark here if English language Translation is attached.

This collection of information is required by 37 CFR 1.97 and 1.98. The information is required to obtain or retain a benefit by the public which is to file (and by the USPTO to process) an application. Confidentiality is governed by 35 U.S.C. 122 and 37 CFR 1.14. This collection is estimated to take 2 hours to complete, including gathering, preparing, and submitting the completed application form to the USPTO. Time will vary depending upon the individual case. Any comments on the amount of time you require to complete this form and/or suggestions for reducing this burden, should be sent to the Chief Information Officer, U.S. Patent and Trademark Office, U.S. Department of Commerce, P.O. Box 1450, Alexandria, VA 22313-1450. DO NOT SEND FEES OR COMPLETED FORMS TO THIS ADDRESS. SEND TO: Commissioner for Patents, P.O. Box 1450, Alexandria, VA 22313-1450.